

Title:

Description:
Perfect Score:
N.A. Sequence:
Comp:

Nmatch STD : Dbase 0; Query 0 Scoring table:

TABLE default Gap 6

165362 seqs, 43234748 bases x 2

Post-processing: Minimum Match 0% Listing first 45 summaries

Database: n-issued 1:5A_COMB 2:5B_COMB 3:5C_COMB 4:PCT9_COMB 5:backfiles1

Statistics: Mean 8.538; Variance 4.198; scale 2.034

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result	Score	Query Match	Length	B	IJ	Description	, , , , , , ,	Pred. No.
_	107	10.7	1920	ω	US-08-746-	e 1,	Applicatio	3.45e-65
2	69	6.9	7218	N	US-08-232-	Sequence 14, F	Applicati	1.00e-34
ω	37	3.7	965	w	US-08-388-	Sequence 22, 1	Applicati	.69e-
0 4	35	3.5	215	ᆫ	US-08-238-	Sequence 5, Ap	Applicatio	.84e-
ი 5	34	3.4	965	w	US-08-388-	Sequence 22, F	Applicati	
σ	30	3.0	215	ᆫ	US-08-238-	Sequence 5, Ap	Applicatio	
c 7	30	3.0	7218	N	US-08-232-	Sequence 14, F	Applicati	
	25		81	4	PCT-US95-1	•	Applicati	٠
9	25	2.5	81	4	PCT-US95-1	Sequence 92, F	Applicati	
10	25	2.5	242	Н	US-08-273-	Sequence 1, Ap	Applicatio	5.71e-03
c 11	24	2.4	74	4	PCT-US95-1	Sequence 100,	Applicat	
c 12	24	2.4	74	4	PCT-US95-1	Sequence 94, 1	Applicati	2.28e-02
c 13	24	٠	242	ب	US-08-273-	Sequence 1, Ap	Applicatio	
	23	2.3	56	4	PCT-US95-1	Sequence 87, 1	Applicati	
c 15	23		69	بر	US-08-471-	Sequence 142,	Applicat	٠
16	23	2.3	74	4	PCT-US95-1	Sequence 94, 1	Applicati	
17	23	2.3	74	4	PCT-US95-1	Sequence 100,	Applicat	٠
18	23	2.3	75	4	PCT-US95-1	Sequence 99, F	Applicati	. 86e
19	23	2.3	81	4	PCT-US95-1	`	Applicati	٠
20	23	2.3	81	4	PCT-US95-1	Sequence 92, F	Applicati	8.86e-02

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4.4 5	43	42	41	40	39	38	37	36	35	34	ω ω	32	31	30	29	28	27	26	25	24	23	22	1.2
21 21	21	21	21	21	21	21	21	21	21	22	22	22	22	22	22	22	23	23	23	23	23	23	20
2.1 2.1	2.1			2.1		2.1									2.2								
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US-08-922- US-08-714-	US-08-829-	US-08-714-	US-08-922-	US-08-829-	US-08-631-	US-07-865-	US-08-353-	PCT-US95-1	5213972-2	US-08-472-	US-08-488-	PCT-US91-0	PCT-US95-1	US-08-471-	US-08-471-	US-08-471-	US-08-921-	us-08-920-	US-08-362-	US-08-920-	US-08-920-	PCT-US95-1	ECT COST T
Sequence 7, Applicatio Sequence 26, Applicati	7,	, D i	10,		Sequence 10, Applicati		16,		Patent No. 5213972.	Sequence 1, Applicatio	ςı (Sequence 1, Applicatio	Sequence 99, Applicati	Sequence 142, Applicat	Sequence 144, Applicat	٠.	Sequence 13, Applicati	Sequence 13, Applicati	•	Sequence 13, Applicati	•	97,	
1.23e+00 1.23e+00	1.23e+00	1.23e+00	1.23e+00	1.23e+00	1.23e+00	1.23e+00	1.23e+00	1.23e+00	1.23e+00	3.35e-01	3.35e-01	3.35e-01	3.35e-01	3.35e-01	3.35e-01	3.35e-01	8.86e-02	8.86e-02	8.86e-02	8.86e-02	8.86e-02	8.86e-02	0.000

ALIGNMENTS

8888888	888888	88888888	38888888888	RESULT DAG CCC CCC CCC CCC P
INFORMATION FOR SEQ ID NO: 1: SEQUENCE CHARACTERISTICS: LENGTH: 1920 TYPE: Nucleic Acid STRANDEDNESS: Single TOPOLOGY: Linear ANTI-SENSE: NO	NAME: WILLIAM T. HAN REGISTRATION NUMBER: 34,344 REFERENCE/DOCKET NUMBER: ATG 50024 TELECOMMUNICATION INFORMATION: TELEPHONE: 610 270 5219 TELEPHONE: 610 270 4026	BISCHISE	CORRESPONDENCE ADDRESS: CORRESPONDENCE ADDRESS: ADDRESSEE: SmithKline Beecham Corporation STREET: 709 Swedeland Road, P.O. Box 1539 CITY: King of Prussia STATE: PA COUNTRY: USA ZIP: 19406-0939 COMPUTER READABLE FORM: MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE COMPUTER: IBM 486 OPERATING SYSTEM: WINDOWS FOR WORKGROUPS SOFTWARE: MITCROSOFT WORD	1 S-08-746-789A-1 STANDARI xxxxx equence 1, Application (equence 1, Application (equence 1, Application (GENERAL INFORMATION: APPLICANT: ISRAIL KOL TITLE OF INVENTION: A

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Gaps

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6044

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5864

5804

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Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 14, Application US/08232463 Sequence 14, Application US/08232463
                                                                            SEQUENCE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-232-463-14 STANDARD; DNA; UNC;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             6316 AACGAAGGCCTCATGAAGTGGGAGAACCGGCACGAGGGTGTGTTCAAGTTTCTTCGCTCA 6375
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         6256 GCCCCCAGAGGTACTCACCTGTGGGAGTTTATCCGAGACATCCTAATCCACCCCGAGCTC
                                                                                                                                                                                                                                                                                                                ATTORNEY AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 3047
TELECHMONICATION INFORMATION:
TELEPHONE: (703)836-9300
TELEPHONE: (703)63-4109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   919 GCGCCCAGAGGCACCCACCTGTGGGAGTTCATCCAGGGACATCCTCATCCACCCGGAGCTC 978
                                                                                                                                                                                        INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 7218 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              979
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APPLICANT: SCHEIFLINGER, F.
APPLICANT: FALKNER, F. G.
TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                     IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
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ADDRESSEE: Foley & L
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
                                                                                                                                               TYPE: nucleic
STRANDEDNESS:
TOPOLOGY: line
                                                                       CLONE: p
ENCE 7218
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STATE: VA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION: 435
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1 Similarity 87.4%;
125; Conservation
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                                                                     pTZgpt-F1s
3 BP; 1944 A; 1491 C;
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1800 Diagonal Road,
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Pred. No. 3.45e-65;
0; Mismatches 18
Score
Pred.
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69; DB 2; L
No. 1.00e-34;
                                                                       1486 G; 1929 T; 368 OTHER
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                    Length 7218;
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                                                                                                                     TELEFAX: 212-838-3884
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC py disk
COMPUTER: IBM PC posyMS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Old, Lloyd J
APPLICANT: Welt, Sydney
APPLICANT: Kitamura, Ku
                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: Hanson, No. 5795961man
REGISTRATION NUMBER: 30,946
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                                                                                            SEQUENCE CHARACTERISTICS
                                                                                                                                                                    REFERENCE/DOCKET NUMBER: LUTELECOMMUNICATION INFORMATION: 212-688-9200
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           . 1363 × 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 1377, 137
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                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: FILING DATE: 14-FEE
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                    STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                           CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STATE:
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                                                                       LENGTH:
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                                           nucleic acid
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                                                                       965 base
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Old, Lloyd J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Wallace,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Felfe and Lynch
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TON:
                                                                                                                                                                                                                                                                                                                                          UMBER: US/08/388,672A
14-FEB-1995
                       unknown
                                                                       pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Antibodies
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Recombinant Human Anti-Lewis
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US/08388672A
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808 WGWVRGRGWGDYGGGYTNYNGKRGRVTMADTSSNSRSSVTAADTAVYYCVRGRSYDSDGG 867

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MOLECULE TYPE: SEQUENCE 965 BP; :

FYPE: DNA (genomic)
BP; 192 A; 170 C; 2

226

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200 T;

177 OTHER

Length 965

Query Match Best Local Matches

Local

Similarity 20; Conser

Conservative

3.7%;

Score 37; DB 3; 1 Pred. No. 7.69e-11, 73; Mismatches 4

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 Query Match
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                       SEQUENCE 215
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 5, Application US/08238163
Sequence 5, Application US/08238163
Patent No. 5569830
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          XXXXXX
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-238-163-5 STANDARD; DNA; UNC; 215 BP
                                                                                                                                 TELEPHONE: (415) 543-9600
TELEPAX: (415) 543-5043
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 215 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      926
                                                                                                                                                                                                                                       CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08
FILING DATE: 03-MAY-1994
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                           REFERENCE/DOCKET NUMBER: 23
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: PLANT INHIBITORS OF FUNGAL
TITLE OF INVENTION: POLYGALACTURONASES AND THEIR USE TO CONTROL FUNGAL DISEASE
NUMBER OF SEQUENCES:__24
                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
                                                                               FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                          MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CTCTTTAACTATCCCTGTACTTGGCCCCTGTCTT-GCCTGATGGAACTTTCCGATGGGGA 5673
                               OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GGAGGCAGCTGGTGGGTGCT 5693
                                                                                                           STRANDEDNESS:
                                                                                                                                                                                                                NAME: Bastian, Kevin L. REGISTRATION NUMBER: 34,774
                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RSGVSRSGSGSGTDYTTSSD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  -DYWGGTTVTV-SSHUVKDMTSSSSASVGDRVTTCRSSTTHGNGNTYYWYKGKAKYRVSN 925
                                                                  NAME/KEY: misc_feature
                                                                                                     TOPOLOGY:
                                                                                                                                                                                                                                                                                               SOFTWARE:
                                                        LOCATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION:
                                                                                                                                                                                                                                                                                                                                                         94105-1493
                                                                                                                                                                                                                                                                                                                                                                                         San Francisco
                                                                                                                          nucleic acid
                                                                                                                                                                                                                                                                                                                                                                              California
              BP; 15 A; 8 C; 25 G; 26 T; 14
                                                                                                                                                                                                                                                                                                                                                                                                   Steuart Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  POWELL, Ann
STOTZ, Henrik
                                                                                                                                                                                                                                                                                              PatentIn Release #1.0,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LABAVITCH, John
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     BENNETT, Alan
                                                                                                     unknown
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teuart Street Tower, One Market Plaza
                                                                                                                                                                                                                                                                                                                               Floppy disk
                                                                                        protein
                                                                                                            single
                                                                                                                                                      -5043
5:
                               /standard_name= "Deduced amino
sequence of PGIP from bean."
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 Score 35;
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DB 1;
                      141 OTHER
Length 215
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                                            Matches
                                                       Query Match
Best Local
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Matches 24; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 22, Application Sequence 22, Application Patent No. 5795961
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         5930 AGCTGCCTATAGCCTGAGGGACCAAGAAACAGCTTCCCGGAATTAACAGTCCCCTCGGGA 5871
  6022
                                                                                         MOLECULE TYPE: SEQUENCE 965 BP;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      XXXXXX
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                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, ve
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/388,672A
FILING DATE: 14-FEB-1995
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-388-672A-22 STANDARD;
                    780 KGURHUVHVSGGVRSTSTCTASDYTTSYWGWVRGRGWGDYGGGYTNYNGKRGRVTMADTS 839
                                                                                                                                                           TELEFAX: 212-838-3884
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    126 AMTSRNRTGKTANNAVDSRNMGDASVGSDKNTKKHAKNSADGKVG 170
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 66 YNYGGNNYGAAKTHYYTHTNYSGADSKTYTDSYNASGTSSSNGGTDGNRSGADSYGSSKT 125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               6 MSSSSVVSRTASCNDKAKKDGNTTSSWTTDCCNRTWGVCDTDTTYRVNNDSGHNKYSSAN 65
                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: LUTELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: Hanson, No. 579596
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
                                                                            TOPOLOGY: unknow...

DIECULE TYPE: DNA (genomic)

OLECULE TYPE: DNA (170 C; 226 G;
TGGACAGCGACAGAGACACGCTTCTTTGTGAGGGGGCTCATGGTTCAGTGGGGACCAGTG 5963
                                                                                                                           TYPE: nucleic acid
STRANDEDNESS: unkno
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                                                                                                                                                  LENGTH:
                                            Similarity 17.2%;
22; Conservative
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Y: U.S.A.
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Harris, William
                                                                                                                                                                                                212-688-9200
                                                       3.48;
                                                                                                                            unknown
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                                                                                                                                                                                                                                                                                                                                                                                                                               and Lynch
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US/08388672A
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                                          Score 34;
Pred. No. (
60; Mismat
                                                                                                                                                                                                                              30,946
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66; Mismatches 75;
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                                             Mismatches
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8.81e-09;
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                                                                                           177
                                             45;
                                                                  Length 965
                                           Indels
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NAME/KEY: misc_feature

LOCATION: 1..215

OTHER INFORMATION: /standard_name= "Deduced amino and the control of the co
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GENERAL INFORMATI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-238-163-5 STANDARD; DNA; UNC; 215
   5694
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                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (415) 543-504
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               840
                                  93 TVTDSYNASGTSSSNGGTDGNRSGADSYGSSKTAMTSRNRTGKTANN-AVDSRNMGDASV 151
                                                                                           33 TIDCCNRIWGVCDIDITYRVNNDSGHNKYSSANYNYGGNNVGAAKTHYYTHINVSGADSK 92
                                                                                                                                            .08;
Local Similarity 15.8%;
Local Similarity 25.8%;
Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REGISTRATION NUMBER: 34,774
REFERENCE/DOCKET NUMBER: 23
TELECOMMUNICATION INFORMATION
TELEPHONE: (415) 543-9600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: Patentin Reli
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compati
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: BENNETT, Alan APPLICANT: LABAVITCH, JO APPLICANT: POWELL, Ann
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: PLANT INHIBITORS OF FUNGAL
TITLE OF INVENTION: POLYGALACTURONASES AND THEIR USE TO CONTROL FUNGAL DISEASE
NUMBER OF SEQUENCES: 24
                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE:
CAGAGCCAGGCAGGCTGGGGTGGCTGCGACTCCAGGCACAGCCTGCTGAAAGAGCCTCGG 575
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                      TTGGCCCCTGTCTTGCCTGATGGAACTTTCCGATG-GGGAGGAGGCAGCTGGTGGGTGCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/O
FILING DATE: 03-MAY-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Townsend and Townsend Khourie and Crew STREET: Steuart Street Tower, One Market Plaza CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Bastian, Kevin
REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY:
                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                   TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH:
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                                                                                                                                                                                                                                                                                                                                                                                                    215 base pairs
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STOTZ, Henrik
                                                                                                                                                                                                                                                                                                                                                                                                                                                               (415) 543-5043
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                                                                                                                                                                                                                                                                                                                                                    unknown
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                                                                                                                                            Score 30;
Pred. No.
69; Misma
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                                                                                                                                              Mismatches
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. 4.03e-06;
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Query Match
Best Local Similarity
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6185 CCCAACGAGGCTAAGAGCCAAGGCATATGGGAGTATATGAAATGTCCTCTTAGTGATTGC
                                                                                         Sequence 14, Application US/08232463
Sequence 14, Application US/08232463
                                                                                                                                                                                      SEQUENCE 7218
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                                                                                                                                                                                                                                                                                                              TELEX: 899149
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: DORNER, F. APPLICANT: SCHEIFLINGER, APPLICANT: FALKNER, F. GITTLE OF INVENTION: RECONUMBER OF SEQUENCES: 52
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                 IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION: TELEPHONE: (703)836-9300
                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 26-AUG-1991 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: Patentin Rel CURRENT APPLICATION DATA:
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COMPUTER: IBM PC
OPERATING SYSTEM:
                           STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                           NAME: BENT, Stephen A REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE:
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Conservative 110;
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8 BP; 1944 A; 1491 C; 1486 G; 1929 T;
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1800 Diagonal Road,
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                                                                                                                                                                                                                                                                                                                                           (703)683-4109
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IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
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26-AUG-1991
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                                                                                                                 Score 30; DB 2; Leng
Pred. No. 4.03e-06;
Mismatches 83;
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                                                                                                                                                       Length 7218;
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Best Local S
Matches
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Sequence 92, Application Sequence 92, Application GENERAL INFORMATION:
                                                                   5673 TCCCCATCGGA 5663
                                                                                                                                                            SEQUENCE
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PCT-US95-11934-92 STANDARD;
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                              XXXXXX
                                                                                                                                                                                                            TELEFAX: (212) 869-974
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO:
                                                                                  63
                                                                                                                                                                                                                            REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 110:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/11934
FILING DATE: 20-SEP-1995
                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Cytogen Corporation TITLE OF INVENTION: Antigen Bit TITLE OF INVENTION: Peptide Lil
                                                                                                                                                         MOLECULE TYPE: DN
QUENCE 81 BP; 6 A;
                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION: NAME: Misrock, S. Leslie
                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
                                                                                                             GCTCGATTCTCTCACC 6050
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                                                                                  NVNNVNNVNNA 73
                                                                                                ZIP:
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TOPOLOGY: 11
                                                                                                                                                                                                                                                                                 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE:
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                                                                                                                                                                                               LENGTH:
                                                                                                                                     Similarity
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                                                                                                                                                                                        nucleic acid
                                                                                                                            2.5%;
larity 12.7%;
Conservative
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                                                                                                                                                                                                                                                                                                                                     Floppy disk
                                                                                                                                                          DNA (genomic)
A; 6 C; 4 G; 5
                                                                                                                                                                                single
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       PC/TUS9511934
PC/TUS9511934
                                     DNA; UNC;
                                                                                                                            Score 25; DB 4; I
Pred. No. 5.71e-03;
19; Mismatches 43
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Query Match 2.5%;
Best Local Similarity 12.3%;
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                                                                                                                                                                                                                                                                             Sequence 1, Application Sequence 1, Application Patent No. 5641863 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      6291 TCGGATAAACTCC 6279
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SEQUENCE CHARACTERISTICS:
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TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           67 BNNBNNBNACGCC 79
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                  APPLICANT: SCHREIBER, ALAN D. APPLICANT: PARK, JONG-GU TITLE OF INVENTION: METHODS OF NUMBER OF SEQUENCES: 7
                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: NIXON & VANDERHYE P.C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION:
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                                                                     COUNTRY: U.S.A.
ZIP: 22201-4714
                                                                                                          STREET: 1100 NO:
CITY: ARLINGTON
STATE: VIRGINIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
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IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
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VENTION: Antigen Binding P.
VENTION: Peptide Libraries
EQUENCES: 103
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US/08273846
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Pred. No. 5.71e-03
19; Mismatches 4
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Best Local :
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TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE 290 BP; 17 A; 34 C; 8 G
                                                                                                                                                                                                                                                                                                                                                                     Sequence 100, Application PC/TUS9511934 Sequence 100, Application PC/TUS9511934 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    6179 CGTTGGGATAGGAGGCCCAGGTCGCCTAGAGGAGAGGGGCACCCCAGACTGATAACTGA 6238
                                                                                                                                                                                                                                                                                                                                                                                                                   XXXXXX
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            111 NVT*FXPCALLEDFROMON***CALLEDFROMPROCEDUREGETPATHCCRFAPPS 166
                                 TELEX: 66141 PENNIE INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: (703) 816-4100 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           51 CEDURERFDESCCREPROC*FXPCALLEDFROMCRFRFORM*FXPCALLEDFROMCRFCO 110
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Match 2.5%;
Local Similarity 10.3%;
                                                         REGISTRATION NUMBER: 32,955
REFERENCE/DOCKET NUMBER: 55
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 816-4000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION UMBER: U$708/273,846
FILING DATE: 12-JUL-1994
                    SEQUENCE CHARACTERISTICS
                                                                                                                          CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                      SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                 MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: Antigen Binding Peptides (Abtides) From TITLE OF INVENTION: Peptide Libraries NUMBER OF SEQUENCES: 103
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION: NAME: WILSON, MARY J.
                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                     TELEFAX:
                                                                                                                                                                                             COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                       : (212) 790-9090
(212) 869-9741/8864
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Pred. No.
29; Misma
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6350
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TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE 74 BP: 6 A; 6 C; 1 G; 1 T; 60 OTHER.
                                                                                  SEQUENCE 74
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 94, Application PC/TUS9511934 Sequence 94, Application PC/TUS9511934 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          5874 GGGACAAGAA 5865
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     5934 AGAGAGCTGCCTATAGCCTGAGGGACCAAGAAACAGCTTCCCGGAATTAACAGTCCCCTC 5875
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                                                                                                                                                   INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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                     Н
                                                    Local
                                                                                   MOLECULE TYPE: DNA (genomic)
QUENCE 74 BP; 3 A; 4 C; 3 G; 1 T; 63 OTHER.
                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: Misrock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 111
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn Rel CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: LBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION:
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                     CITY: New York
STATE: New Yor
                                                                                                                  STRANDEDNESS:
 TCGTGCCGGTTCTCCCACTTCATGAGGCCTTCGTTGAGCTCGGGGTGGATTAGGATGTCT
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Similarity 11.4%;
8; Conservative
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Similarity 11.1%;
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Peptide
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                                                    Score 24; [Pred. No. 2.
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Pred. No. 2.28e-02
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NUMBER OF SEQUENCES:

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Sequence 1, Application US/08273846
Patent No. 5641863
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-273-846-1 STANDARD; DNA; UNC;
                                              Sequence 87, Application Sequence 87, Application GENERAL INFORMATION:
                                                                                                                                                                                                                         5614 GAAGAATGTGGGAAGGCTGGACTCTCCCATGGCCTCTCCTAGGACCTCAGTTCCCTTCT 5555
                                                                                                                                                                                                                                                                             5674 CTCCCCATCGGAAAGTTCCATCAGGCAAGACAGGGGCCAAGTACAGGGGATAGTTAAAGAG 5615
                                                                                                                                                                     5554 TCTCTAAGTCCAAGCAGGCCTCTGTAAAGAGGCAGTAACAAATGCCATGGAGCCC 5500
                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE
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GENERAL INFORMATION:
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                                                                                                                                                                                                 153
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TELEFAX: (703) 816-4100
INFORMATION FOR SEQ ID NO: 1:
                                                                                                                                                                                                                                                      93
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Local Similarity 10.3%;
hes 18; Conservative
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APPLICANT: Cytogen Corporation
TITLE OF INVENTION: Antigen Binding Peptides (Abtides)
TITLE OF INVENTION: Peptide Libraries
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: 55
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 816-4000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: WILSON, MARY J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS
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APPLICANT: PARK, JONG-GU
TITLE OF INVERVION: METHODS OF STIMULATING PHAGOCYTOSIS
NUMBER OF SEQUENCES: 7
                                                                                                                                                                                             ETPATHCCRFAPPSCRF*EXECALLEDFROMON***CALLEDFROMCCRFAPPSC
                                                                                                                                                                                                                                                    FXPCALLEDFROMCRFCONVT*FXPCALLEDFROMON***CALLEDFROMPROCEDUREG 152
                                                                                                                                                                                                                                                                                                        C*FXPCALLEDFROMPROCEDURERFDESCCRFPROC*FXPCALLEDFROMCRFRFORM* 92
                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS:
TOPOLOGY: lir
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: PatentIn Release #1.0, Version #1.25
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TRY: U.S.A.
22201-4714
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1100 NORTH GLEBE ROAD
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                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: DNA (genomic) SEQUENCE 56 BP; 1 A; 7 C; 7 G; 3 T; 38 OTHER.
                                                                                                                                                                                                                                                                                                                                                                                     US-08-471-052A-142 STANDARD; DNA; UNC;
                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/471,052;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 87:
                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2.3%;
Local Similarity 25.9%;
les 14; Conservation
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
WOLFORTY
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TELECOMMUNICATION INFORMATION:
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LENGTH: 56 base pairs
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                     ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                             APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION: NAME: Misrock, S. Leslie
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                TITLE OF INVENTION:
                               FILING DATE: 0
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: FILING DATE: 20-SE
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                                                                                                                                                               STATE: New York COUNTRY: U.S.A.
                                                                                                                                                                                CITY: New York
STATE: New York
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ZIP: 10036
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     Misrock, S. Leslie
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1155 Avenue of the Americas
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Fowlkes,
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Application
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                                                                                                                                                                                                                       Pennie & Edmonds
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Floppy disk
                                             06-JUNE-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     20-SEP-1995
                                                                                                                                                                                                                                                  Totally Synthetic Affinity Reagents: 166
                                                                                                                                                                                                                                                                             D.
                                                         US/08/471,052
                                                                                   Release #1.0,
                                                                                                                                                                                                                                                                                                                                US/08471052A
US/08471052A
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Pred. No. 8.86e-02
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28; Indels Length

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Gaps

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Version

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CC REGISTRATION NUMBER: 18,872
CC REFERENCE/DOCKET NUMBER: 1101-179
CC TELECOMMUSICATION INFORMATION:
CC TELEPHONE: 212 790-9090
CC TELEPHONE: 212 790-9090
CC TELEPAX: 212 869-8864/9741
CC INFORMATION FOR SEQ ID NO: 142:
CC SEQUENCE CHARACTERISTICS:
CC SEQUENCE CHARACTERISTICS:
CC TYPE: DUCLEL 8614 864/9741
CC STRANDEDNESS: Single
CC TYPE: DUCLEL 8614 C; 6 G; 2 T; 55 OTHER.
CC MOLECULE TYPE: DNA
CC SEQUENCE 69 BP; 2 A; 4 C; 6 G; 2 T; 55 OTHER.
CQ WOLECULE TYPE: DNA
CQ SEQUENCE 69 BP; 2 A; 4 C; 6 G; 2 T; 55 OTHER.
CL MOLECULE TYPE: DNA
CC MOLECULE
CC MOLECULE
CC MOLECULE
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